

National Flood Insurance Program Mapping

**Fording Flood Waters
July 30, 2019**



FEMA

National Flood Insurance Program

Created by Congress in 1968 to reduce the loss of property and life by lessening the impact of flooding disasters.

Mission of the NFIP

- To assure the availability of flood insurance in participating communities.
- Minimize the future risk to flooding and the personal and national impact flooding creates.



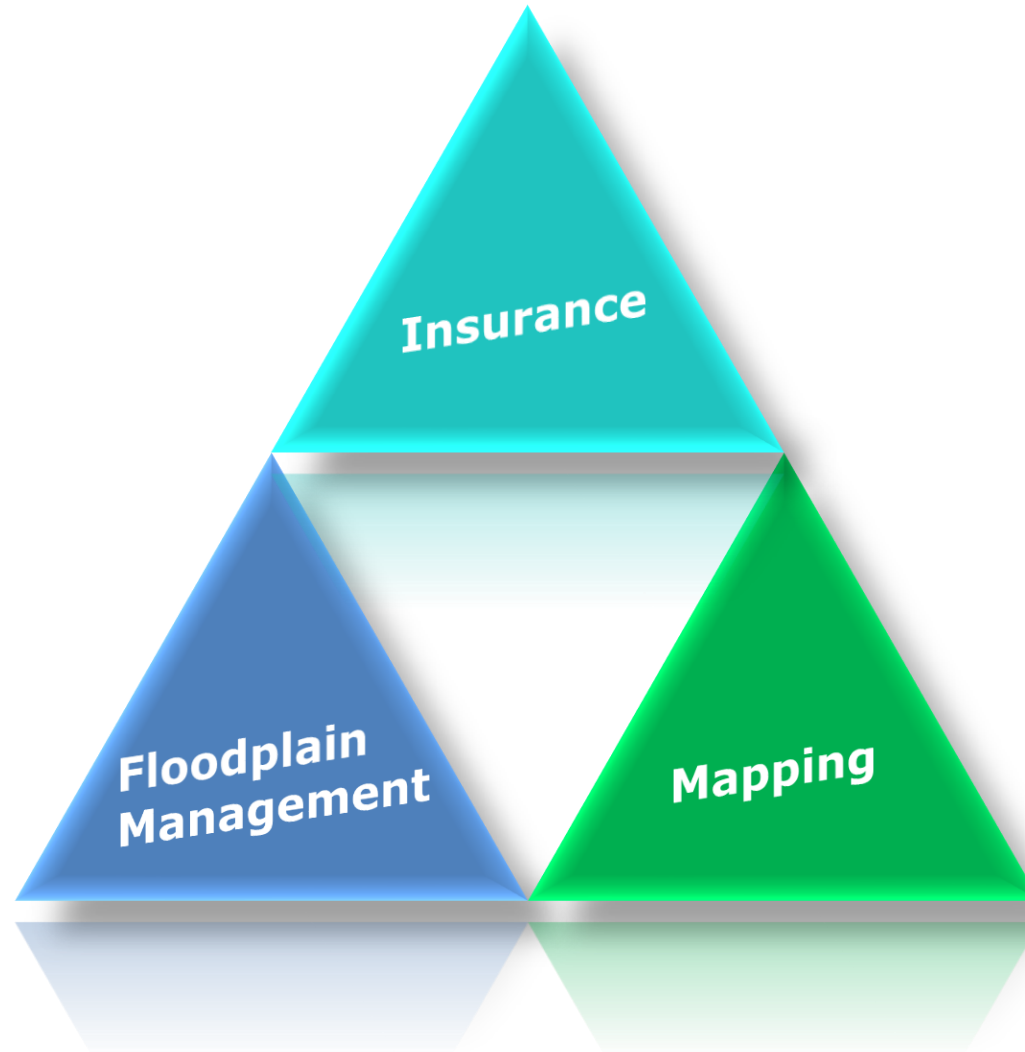
National Flood Insurance Program

- Identifying and Mapping Flood Risk
 - Inform the public and stakeholders of the risk.
 - Drive Federal/State/Local planning decisions.
 - Basis for insurance requirements.
- Floodplain Management
 - To minimize future development to the flood risk through land use regulations.
 - Encourage mitigation of existing structures.
- Flood Insurance
 - Provide financial resiliency
 - Took burden off of taxpayer for large scale disasters.



FEMA

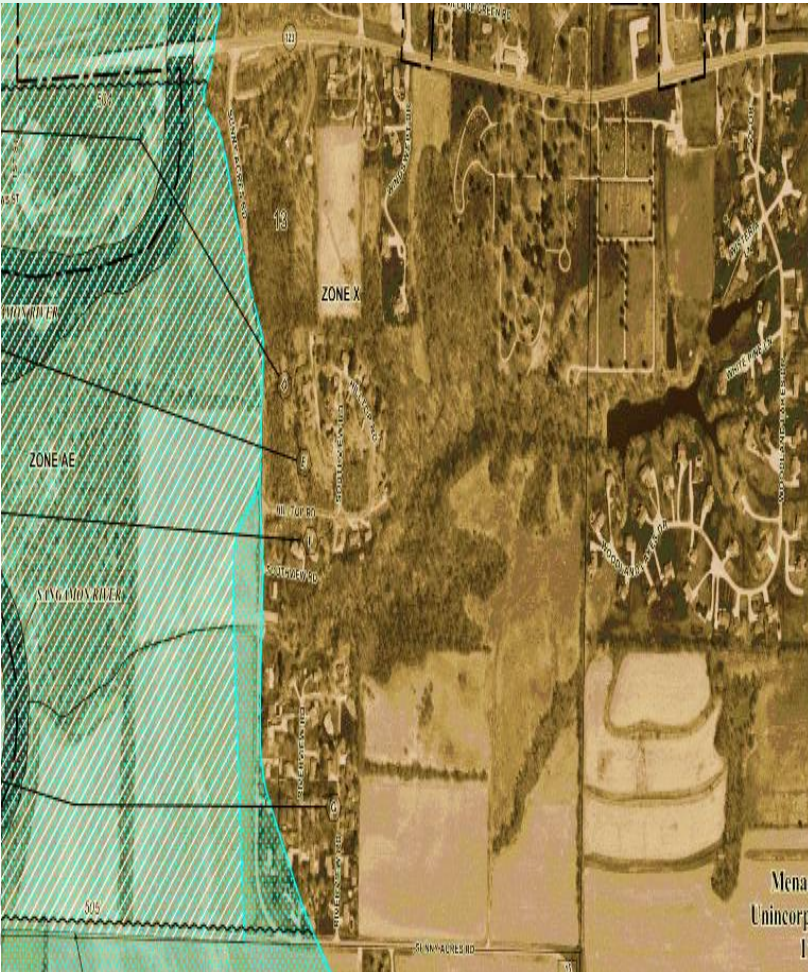
National Flood Insurance Program



FEMA

Mapping

Flood Insurance Rate Maps



- Delineates the 1%-annual-chance-floodplain and floodway
- Communities adopt maps as part of floodplain management regulations
- Lenders and Insurance Companies use maps to identify risk

Mapping

- Contains technical data of the studies used to make the Flood Insurance Rate Map



MENARD COUNTY, ILLINOIS AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
ATHENS, CITY OF	171226
GREENVIEW, VILLAGE OF	170754
UNINCORPORATED AREAS	170625
OLDFORD, VILLAGE OF	170682
PETERSBURG, CITY OF	170226
TULLULU, VILLAGE OF	170625

NO SPECIAL FLOOD HAZARD AREAS IDENTIFIED



May 4, 2009



Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER:
17122CV000A



FEMA

RiskMAP

Increasing Resilience Together

Goals

**Deliver
High-Quality
Risk Data**



- Understandable Flood Maps
- Credible data—reliable, accurate, watershed-based
- Illustrations of possible Flood Depths
- Usable Flood Risk Assessments

**Increase
Awareness
of Flood Risk**



- Tools to understand how flood risk has changed
- Continuous engagement with communities
- Enable communities to communicate flood risk to constituents

**Promote
Community
Mitigation Action**



- Support that allows communities to identify risks and promote:
- Community resiliency
- Sustainability
- Reduced need for federal disaster assistance

Products

MITIGATION PLANNING

Processes



Enhance delivery of Risk MAP Products



Collaborate across all levels of government

**Reduce
Risk to
Lives and
Property**



FEMA

YEAR
1

1

PRE-DISCOVERY

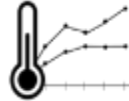
FEMA works with the State, community, and tribes to understand needs, resources, and capabilities to support the community in risk reduction and resilience efforts.



Population
Growth &
Development



Better
Science



Changing
Conditions

NEW REGULATORY FLOOD MAP NOT NEEDED

If the data and research does not support the need for a Regulatory Flood Map project, the final Discovery Report is updated to reflect that decision. In lieu of a Flood Map, State, local and tribal officials may request technical assistance or risk and vulnerability assessments to support risk reduction.

Move on to Data Collection and Analysis

2

DISCOVERY MEETING

FEMA and the State meet in-person with communities and tribes to gather information on their perspective about local natural hazards and their risk. This information is used to prioritize future mapping, risk assessment, and mitigation planning assistance.



Stakeholder Coordination

Discovery
Meeting

Data Analysis

Post Meeting
Coordination &
Project Scope
Development



NEW REGULATORY MAPS NEEDED:

Move on to Data Collection and Analysis for new regulatory flood study



FEMA

YEAR
2-3

NEW REGULATORY MAPS NEEDED:

Move on to Data Collection and Analysis for new regulatory flood study



3

DATA COLLECTION AND ANALYSIS

Funding secured, local multi-hazard data collected, and quarterly updates distributed.

4

FLOOD RISK REVIEW MEETING

The purpose of this meeting is to address technical issues on FEMA's flood mapping, as well as areas that have been added or removed to the floodplain, and developed risk assessments.



Draft
Regulatory
Flood Map



FEMA

YEAR
4-5

Prelim
Map
Released

5

CCO MEETING

A meeting with community officials that determines how they want to communicate flood risk and regulatory changes to constituents.



Preli Map
Appeal
Period Begins

Preli Map
Appeal
Period Ends

Letter of Final
Determination

DRAFT

6

PUBLIC MEETING

The community hosts an open house-style public meeting with assistance from FEMA. The public learns the results of the updated regulatory flood maps, as well as the appeal period and map adoption timelines. The meeting also highlights local multi-hazard risks and resources available from the state, FEMA, and other partners to reduce risk.



7

RESILIENCE MEETING

FEMA, state, local and tribal officials, and subject matter experts work with the community to identify and review resilience strategies, planning options, and potential actions to reduce risk.

FINAL



FEMA



Mapping

Upcoming Wisconsin Project Milestones

- Door, Oconto, Brown Counties
 - Preliminary Releases Fall 2019
 - CCO/Public Open House Meetings Late Fall/Early Winter 2019
- Kewaunee, Marinette
 - Preliminary Releases Spring 2021
 - CCO/Public Open House Meetings Late Spring/Early Summer 2021



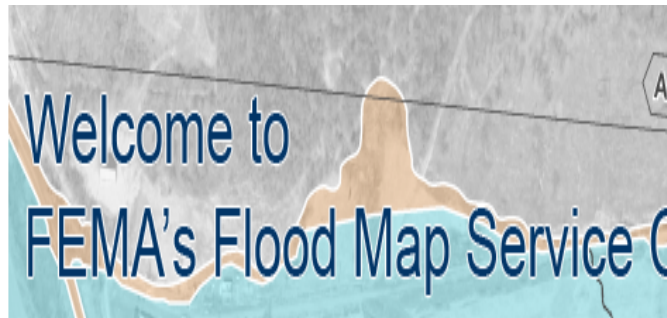
FEMA

Letters of Map Change

- Letter of Map Amendment (LOMA)
 - Natural ground elevations higher than BFE
- Letter of Map Revision based on Fill (LOMR-F)
 - Placed fill to raise site above BFE outside of the Floodway or Coastal Zone
- Conditional Letter of Map Revision (CLOMR)
 - FEMA's official comment on a proposed project
 - Required when work in the floodway causes a rise to the Base Flood Elevation
- Letter of Map Revision
 - Levee's, Stream Relocations, New Hydrology & Hydraulics, Floodway Encroachments

Mapping

Map Service Center www.msc.fema.gov



Looking for a Flood Map? 

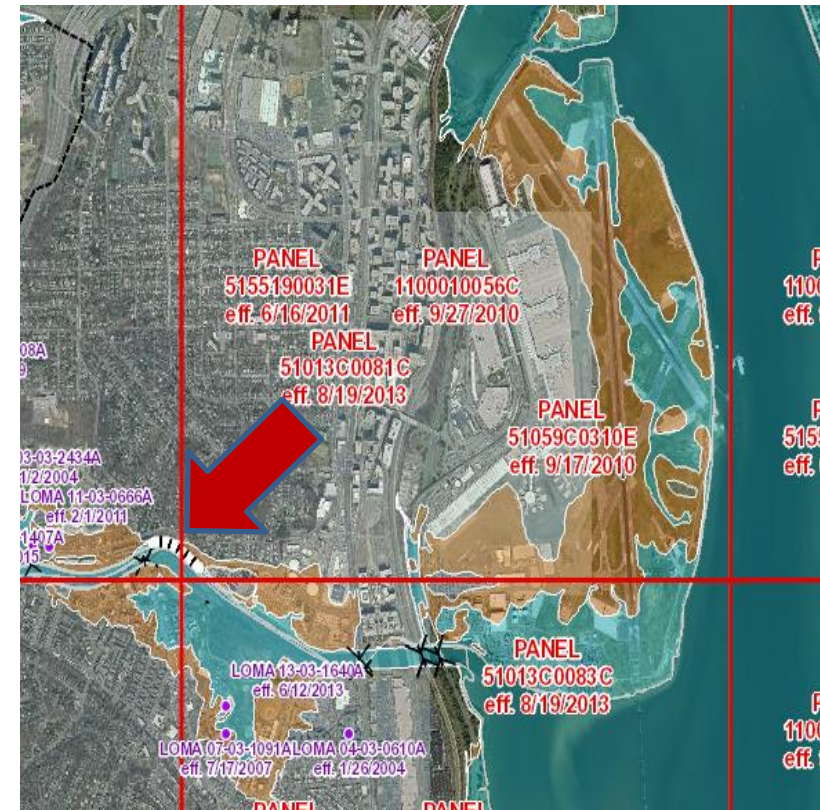
Enter an address, a place, or longitude/latitude coordinates:

Enter an address, a place, or longitude/latitude

Search

Looking for more than just a current flood map?

Visit [Search All Products](#) to access the full range of flood risk products for your community.



FEMA